1/2/87 A2500-3

REPORT FOR NOVEMBER, 1986 **NEWSPRINT DIVISION**

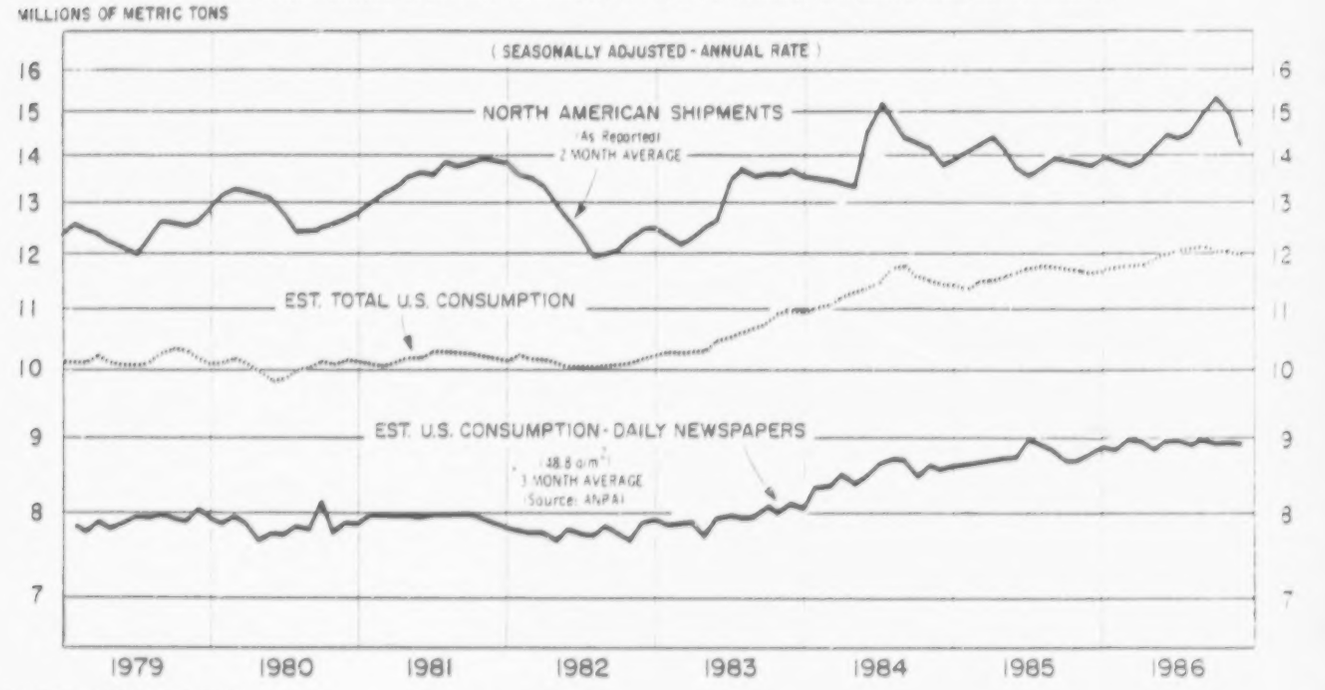
AMERICAN PAPER INSTITUTE
260 Madison Ave., New York, N.Y. 10016

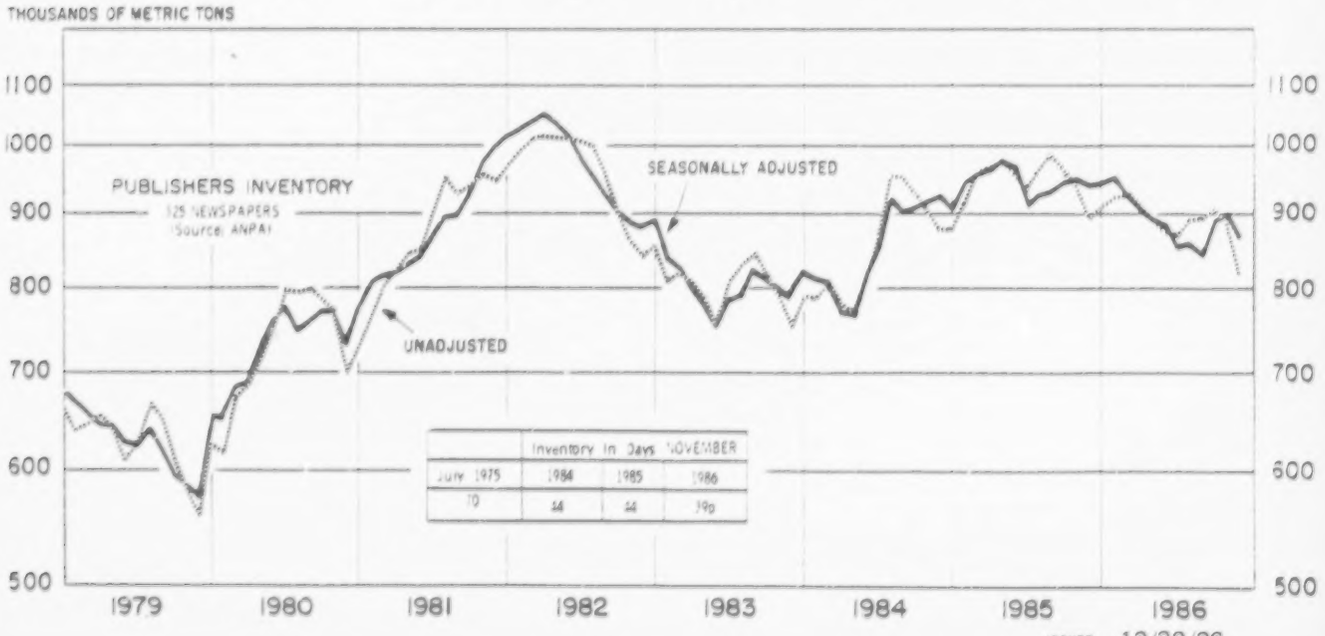
MONTHLY STATISTICAL REPORT***
(In Metric Tons)

* TOTAL UNITED STATES ESTIMATED CONSUMPTION ON A SEASONALLY ADJUSTED ANNUAL BASIS FOR THE MONTH OF NOVEMBER WAS UP 3.0% COMPARED TO NOVEMBER, 1985. (PAGE 6)

* TOTAL NORTH AMERICAN SHIPMENTS ON A SEASONALLY ADJUSTED ANNUAL BASIS FOR THE MONTH OF NOVEMBER WAS UP 3.4% COMPARED TO NOVEMBER, 1985. (PAGE 6)

TOTAL UNITED STATES NEWSPRINT CONSUMPTION & TOTAL NEWSPRINT SHIPMENTS FROM NORTH AMERICA





	Inventory In Days NOVEMBER		
July 1975	1984	1985	1986
TO	44	44	39p

ISSUED 12/30/86
List #230-07

SUMMARY OF NEWSPRINT STATISTICS

THOUSANDS OF METRIC TONS	NOVEMBER			11 MOS. YEAR-TO-DATE			On Page No*
	1985	1986	% Change	1985	1986	% Change	
PRODUCTION AND SHIPMENTS							
NORTH AMERICA							
Production	1,144	1,211	+ 5.8	12,819	13,186	+ 2.9	3
% of Capacity	91.1	96.7	+ 6.1	91.9	93.9	+ 2.2	7
Shipments	1,166	1,169	+ 0.3	12,740	13,163	+ 3.3	3
UNITED STATES							
Production	397	429	+ 8.0	4,527	4,680	+ 3.4	4
% of Capacity	87.7	96.1	+ 9.6	90.8	94.4	+ 4.0	7
Shipments	406	426	+ 5.0	4,521	4,675	+ 3.4	4
CANADA							
Production	747	782	+ 4.6	8,292	8,506	+ 2.6	5
% of Capacity	93	97	+ 4.3	92	94	+ 2.2	7
Shipments	760	743	- 2.2	8,219	8,488	+ 3.3	5
Total U.S. Est. Consumption							6
Daily Newspapers	784	805P	+ 2.6	7,955	8,148	+ 2.4	
All Users	1,041	1,081P	+ 3.8	10,572	10,928	+ 3.4	
Publishers Stock ANPA Survey of Newspapers	889	818P	- 8.0	////////////////////////////////////			7
North American Mills - Stocks	436	370	-15.3	////////////////////////////////////			3

* Additional information proceeds as follows: Shipments by Destination - 8 & 9; Historical Data - 10; Circulations - 10; Forecasts of U.S. Economy - 11; Capacity Information - 12.

UNITED STATES COMPANIES PARTICIPATING IN REPORT

Augusta Newsprint Company
Bear Island Paper Company
Boise Cascade Corporation
Boise Southern Company
Bowater Inc.
Champion International Corp.
Crown Zellerbach Corporation
FSC Paper Corporation
Garden State Paper Company
Great Northern Paper Company
Inland Empire Paper Company
International Paper Company
Manistique Papers, Inc.
North Pacific Paper Company
Smurfit Newsprint Corporation
Southeast Paper Mfg. Company
Southwest Forest Industries

Data for non-reporting company have been estimated.

P - Preliminary

In addition to the above contributing companies, the inputs for this report are dependent upon data received from the Canadian Pulp & Paper Association, the American Newspaper Publishers Association, and the U.S. Bureau of Census.

(In Thousands of Metric Tons)

NEWSPRINT STATISTICS (Not Seasonally Adjusted)

NORTH AMERICA

	PRODUCTION				SHIPMENTS				INVENTORY-END OF MONTH			
	1984	1985	1986	% Change	1984	1985	1986	% Change	1984	1985	1986	% Change
January	1,173.9	1,214.3	1,192.1	- 1.8	1,113.7	1,148.5	1,099.8	- 4.2	463.8	423.9	439.2	+ 3.6
February	1,031.8	1,147.2	1,120.0	- 2.4	1,057.1	1,109.4	1,090.1	- 1.7	438.5	462.4	469.2	+ 1.5
March	1,099.5	1,247.4	1,190.2	- 4.6	1,127.3	1,241.2	1,187.8	- 4.3	410.8	468.6	471.7	+ 0.7
April	1,159.1	1,136.0	1,185.7	+ 4.4	1,139.9	1,163.5	1,215.4	+ 4.5	429.9	441.0	441.9	+ 0.2
May	1,247.0	1,185.8	1,228.7	+ 3.6	1,300.5	1,155.1	1,214.2	+ 5.1	376.4	471.7	456.4	- 3.2
June	1,210.0	1,126.9	1,189.7	+ 5.6	1,295.4	1,145.9	1,231.9	+ 7.5	291.0	452.7	414.2	- 8.5
July	1,234.4	1,132.4	1,250.6	+10.4	1,171.3	1,132.3	1,191.2	+ 5.2	354.0	451.2	473.5	+ 4.9
August	1,201.3	1,179.9	1,220.6	+ 3.4	1,168.4	1,161.3	1,233.7	+ 6.2	387.0	469.8	460.5	- 2.0
September	1,160.6	1,127.0	1,163.4	+ 3.2	1,152.4	1,109.0	1,277.7	+15.2	395.3	487.9	346.2	-29.0
October	1,218.4	1,177.6	1,234.1	+ 4.8	1,217.8	1,207.9	1,252.2	+ 3.7	395.9	457.6	328.2	-28.3
November	1,175.2	1,144.5	1,210.6	+5.8	1,183.2	1,165.8	1,169.1	+ 0.3	387.9	436.3	369.6	-15.3
December	1,126.9	1,093.2			1,156.6	1,182.6			358.2	346.9		
11 Months	12,911.2	12,819.0	13,185.7	+ 2.9	12,927.0	12,739.9	13,163.1	+ 3.3				
TOTAL YEAR	14,038.1	13,912.2			14,083.6	13,922.5						

R - Revised

DISTRIBUTION OF NORTH AMERICAN SHIPMENTS

	TO UNITED STATES				TO CANADA				TO OTHER MARKETS			
	1984	1985	1986	% Change	1984	1985	1986	% Change	1984	1985	1986	% Change
January	914.1	937.1	891.9	- 4.8	78.5	81.8	83.6	+ 2.2	121.1	129.6	124.3	- 4.1
February	872.0	910.0	888.6	- 2.4	77.8	82.0	84.2	+ 2.7	107.3	117.4	117.3	- 0.1
March	903.0	1,022.9	948.7	- 7.3	92.4	102.2	90.2	-11.7	131.9	116.1	148.9	+28.3
April	933.5	919.2	977.0	+ 6.3	90.4	85.5	97.6	+14.2	116.0	158.8	140.8	-11.3
May	1,028.3	930.8	973.6	+ 4.6	99.1	86.2	92.3	+ 7.1	173.1	138.1	148.3	+ 7.4
June	1,062.2	934.2	964.9	+ 3.3	102.2	75.9	93.4	+23.1	131.0	135.8	173.6	+27.8
July	955.0	906.1	955.4	+ 5.4	82.6	75.5	88.7	+17.5	133.7	150.7	147.1	- 2.4
August	945.3	964.2	986.4	+ 2.3	79.3	81.8	86.9	+ 6.2	143.8	115.3	160.4	+39.1
September	921.3	916.3	999.4	+ 9.1	78.0	90.0	95.5	+ 6.1	153.1	102.7	182.8	+78.0
October	978.5	982.8	997.9	+ 1.5	99.1	96.4	102.3	+ 6.1	140.2	128.7	152.0	+18.1
November	952.2	954.9	924.4	- 3.2	92.9	89.2	99.6	+11.7	138.1	121.7	145.1	+19.2
December	927.2	942.0			97.5	87.0			131.9	153.6		
11 Months	10,465.4	10,378.5	10,508.2	+ 1.2	972.3	946.5	1,014.3	+ 7.2	1,489.3	1,414.9	1,640.6	+16.0
TOTAL YEAR	11,392.6	11,320.5			1,069.8	1,033.5			1,621.2	1,568.5		

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association.

(In Thousands of Metric Tons)

NEWSPRINT STATISTICS

(Not Seasonally Adjusted)

UNITED STATES

	PRODUCTION				SHIPMENTS				INVENTORY-END OF MONTH			
	1984	1985	1986	% Change	1984	1985	1986	% Change	1984	1985	1986	% Change
January	416.8	425.0	420.2	- 1.1	414.5	414.8	386.9	- 6.7	102.9	70.4	89.8	+27.6
February	410.3	405.8	393.6	- 3.0	411.6	404.2	393.7	- 2.6	101.6	72.7	89.8	+23.5
March	433.9	443.3	443.5	+ 0.1	453.7	432.4	434.2	+ 0.4	81.8	83.5	99.1	+18.7
April	421.6	386.9	409.1	+ 5.7	438.9	407.8	415.3	+ 1.8	64.5	62.5	92.9	+48.6
May	435.9	418.3	446.0	+ 6.6	450.8	410.0	443.4	+ 8.1	49.6	70.8	95.5	+34.9
June	424.3	407.7	419.7	+ 2.9	418.5	406.0	425.4	+ 4.8	55.4	72.5	89.8	+23.9
July	409.0	415.9	432.8	+ 4.1	412.6	403.3	433.2	+ 7.4	51.7	83.5	89.3	+ 6.9
August	426.0	414.0	440.8	+ 6.5	416.6	412.0	443.7	+ 7.7	61.2	85.5	86.4	+ 1.1
September	414.5	405.2	419.5	+ 3.5	409.3	404.5	437.3	+ 8.1	66.5	86.3	68.6	-20.5
October	426.3	407.1	425.7	+ 4.6	425.8	420.0	436.4	+ 3.9	67.0	73.4	58.0	-21.0
November	417.4	397.3	428.9	+ 8.0	422.3	405.7	426.0	+ 5.0	62.1	65.0	60.8	- 6.5
December	388.8	397.5			390.7	406.1			60.2	56.5		
11 Months	4,636.0	4,526.5	4,679.8	+ 3.4	4,674.6	4,520.7	4,675.5	+ 3.4				
TOTAL YEAR	5,024.8	4,924.0			5,065.3	4,926.8						

	DISTRIBUTION OF UNITED STATES SHIPMENTS								SHIPMENTS TO THE UNITED STATES From Overseas			
	TO UNITED STATES				TO OTHER MARKETS							
	1984	1985	1986	% Change	1984	1985	1986	% Change	1984	1985	1986	% Change
January	394.7	392.7	368.5	- 6.2	19.8	22.1	18.4	-16.7	11.7	31.3	44.8	+43.1
February	393.2	375.5	367.0	- 2.3	18.4	28.7	26.7	- 7.0	8.8	11.5	14.1	+22.6
March	433.1	412.2	408.2	- 1.0	20.6	20.2	26.0	+28.7	8.3	28.9	25.3	-12.5
April	417.7	381.0	394.9	+ 3.6	21.2	26.8	20.4	-23.9	11.8	21.4	29.6	+38.3
May	416.6	393.4	413.3	+ 5.1	34.2	16.6	30.1	+81.3	34.5	32.9	22.7	-31.0
June	408.2	382.8	396.1	+ 3.5	10.3	23.2	29.3	+26.3	22.1	23.5	26.2	+11.5
July	382.8	385.3	397.3	+ 3.1	29.8	18.0	35.9	+99.4	24.2	28.7	19.7	-31.4
August	396.6	390.7	414.6	+ 6.1	20.0	21.3	29.1	+36.6	15.3	26.4	39.4	+49.2
September	388.6	381.9	408.1	+ 6.9	20.7	22.6	29.2	+29.2	17.6	33.1	11.7	-64.7
October	406.3	391.7	403.5	+ 3.0	19.5	28.3	32.9	+16.3	13.6	47.4	32.0	-32.5
November	398.7	380.7	395.5	+ 3.9	23.6	25.0	30.5	+22.0	13.9	29.6		
December	370.5	380.1			20.2	26.0			11.0	18.8	(10 Months Y-T-D)	
11 Months	4,436.5	4,267.9	4,367.0	+ 2.3	238.1	252.8	308.5	+22.0	167.9	285.1	265.5	- 6.9
TOTAL YEAR	4,807.0	4,648.0			258.3	278.8			192.8	333.5		

SOURCE: Newsprint Division, American Paper Institute and Bureau of Census.

(In Thousands of Metric Tons)

NEWSPRINT STATISTICS (Not Seasonally Adjusted)

CANADA

	PRODUCTION				SHIPMENTS				INVENTORY-END OF MONTH			
	1984	1985	1986	% Change	1984	1985	1986	% Change	1984	1985	1986	% Change
January	757.1	789.3	771.9	- 2.2	699.2	733.7	712.9	- 2.8	360.9	353.5	349.4	- 1.2
February	621.5	741.4	726.4	- 2.0	645.5	705.2	696.4	- 1.2	336.9	389.7	379.4	- 2.6
March	665.6	804.1	746.7	- 7.1	673.6	808.8	753.6	- 6.8	329.0	385.1	372.6	- 3.2
April	737.5	749.1	776.6	+ 3.7	701.0	755.7	800.1	+ 5.9	365.4	378.5	349.0	- 7.8
May	811.1	767.5	782.7	+ 2.0	849.7	745.1	770.8	+ 3.4	326.8	400.9	360.9	-10.0
June	785.7	719.2	770.0	+ 7.1	876.9	739.9	806.5	+ 9.0	235.6	380.2	324.4	-14.7
July	825.4	716.5	817.8	+14.1	758.7	729.0	758.0	+ 4.0	302.3	367.7	384.2	+ 4.5
August	775.3	765.9	779.8	+ 1.8	751.8	749.3	790.0	+ 5.4	325.8	384.3	374.1	- 2.7
September	746.1	721.8	743.9	+ 3.1	743.1	704.5	840.4	+19.3	328.8	401.6	277.6	-30.9
October	792.1	770.5	808.4	+ 4.9	792.0	787.9	815.8	+ 3.5	328.9	384.2	270.2	-29.7
November	757.8	747.2	781.7	+ 4.6	760.9	760.1	743.1	- 2.2	325.8	371.3	308.8	-16.8
December	738.1	695.7			765.9	776.5			298.0	290.4		
11 Months	8,275.2	8,292.5	8,505.9	+ 2.6	8,252.4	8,219.2	8,487.6	+ 3.3				
TOTAL YEAR	9,013.3	8,988.2			9,018.3	8,995.7						

DISTRIBUTION OF CANADIAN SHIPMENTS

	TO UNITED STATES				TO CANADA				TO OTHER MARKETS			
	1984	1985	1986	% Change	1984	1985	1986	% Change	1984	1985	1986	% Change
January	519.4	544.4	523.4	- 3.9	78.5	81.8	83.6	+ 2.2	101.3	107.5	105.9	- 1.5
February	478.8	534.5	521.6	- 2.4	77.8	82.0	84.2	+ 2.7	88.9	88.7	90.6	+ 2.1
March	469.9	610.7	540.5	-11.5	92.4	102.2	90.2	-11.7	111.3	95.9	122.9	+28.2
April	515.8	538.2	582.1	+ 8.2	90.4	85.5	97.6	+14.2	94.8	132.0	120.4	- 8.8
May	611.7	537.4	560.3	+ 4.3	99.1	86.2	92.3	+ 7.1	138.9	121.5	118.2	- 2.7
June	654.0	551.4	568.8	+ 3.2	102.2	75.9	93.4	+23.1	120.7	112.6	144.3	+28.2
July	572.2	520.8	558.1	+ 7.2	82.6	75.5	88.7	+17.5	103.9	132.7	111.2	-16.2
August	548.7	573.5	571.8	- 0.3	79.3	81.8	86.9	+ 6.2	123.8	94.0	131.3	+39.7
September	532.7	534.4	591.3	+10.6	78.0	90.0	95.5	+ 6.1	132.4	80.1	153.6	+91.8
October	572.2	591.1	594.4	+ 0.6	99.1	96.4	102.3	+ 6.1	120.7	100.4	119.1	+18.6
November	553.5	574.2	528.9	- 7.9	92.9	89.2	99.6	+11.7	114.5	96.7	114.6	+18.5
December	556.7	561.9			97.5	87.0			111.7	127.6		
11 Months	6,028.9	6,110.6	6,141.2	+ 0.5	972.3	946.5	1,014.3	+ 7.2	1,251.2	1,162.1	1,332.1	+14.6
TOTAL YEAR	6,585.6	6,672.5			1,069.8	1,033.5			1,362.9	1,289.7		

SOURCE: Newsprint Section, Canadian Pulp and Paper Association.

NEWSPRINT STATISTICS

(In Thousands of Metric Tons)

(Not Seasonally Adjusted)

	TOTAL UNITED STATES ESTIMATED CONSUMPTION								DAILY NEWSPAPERS TO TOTAL ALL USERS		
	DAILY NEWSPAPERS (1)				ALL USERS						
	1984	1985	1986	% Change	1984	1985	1986	% Change	1984	1985	1986
January	640.6	663.6	689.2	+ 3.9	847.0	869.0	918.0	+ 5.6	75.6	76.4	75.1
February	662.5	656.3	670.1	+ 2.1	880.0	861.0	881.0	+ 2.3	75.3	76.2	76.1
March	716.3	760.7	761.7	+ 0.1	946.0	1,000.0	1,004.0	+ 0.4	75.7	76.1	75.9
April	719.6	720.9	745.4	+ 3.4	973.0	955.0	1,000.0	+ 4.7	74.0	75.5	74.5
May	738.2	758.9	769.9	+ 1.4	992.0	1,009.0	1,035.0	+ 2.6	74.4	75.2	74.4
June	683.4	722.3	737.0	+ 2.0	916.0	964.0	996.0	+ 3.3	74.6	74.9	74.0
July	676.1	673.8	684.3	+ 1.6	913.0	888.0	931.0	+ 4.8	74.1	75.9	73.5
August	699.9	709.8	739.1	+ 4.1	950.0	949.0	997.0	+ 5.1	73.7	74.8	74.1
September	709.2	725.4	739.5	+ 1.9	969.0	985.0	999.0	+ 1.4	73.2	73.6	74.0
October	761.0	779.1	807.2R	+ 3.6	1,015.0	1,051.0	1,086.0R	+ 3.3	75.0	74.1	74.3R
November	775.9	784.5	805.2P	+ 2.6	1,036.0	1,041.0	1,081.0P	+ 3.8	74.9	75.4	74.5P
December	749.2	769.2			994.0	1,015.0			75.4	75.8	
11 Months	7,782.7	7,955.3	8,148.5	+ 2.4	10,437.0	10,572.0	10,928.0	+ 3.4			
TOTAL YEAR	8,531.9	8,724.5			11,431.0	11,587.0					

P - Preliminary R - Revised

(1) Based on data from ANPA - member newspapers in statistical sample.

(Seasonally Adjusted)

	TOTAL UNITED STATES ESTIMATED CONSUMPTION								TOTAL NORTH AMERICAN SHIPMENTS			
	DAILY NEWSPAPERS				ALL USERS							
	Seas.Adj.-3 Mon.Moving Avg. Annual Basis				Seas.Adj.-3 Mon.Moving Avg. Annual Basis				Seasonally Adjusted-Annual Basis			
	1984	1985	1986R	% Change	1984	1985	1986R	% Change	1984	1985	1986	% Change
January	8,324	8,656	8,817	+ 1.9	11,010	11,330	11,740	+ 3.6	13,843	14,207	13,472	- 5.2
February	8,343	8,717	8,965	+ 2.8	11,080	11,440	11,780	+ 3.0	13,140	14,327	14,092	- 1.6
March	8,501	8,736	8,941	+ 2.3	11,230	11,480	11,780	+ 2.6	12,888	14,416	13,808	- 4.2
April	8,347	8,713	8,843	+ 1.5	11,280	11,540	11,870	+ 2.9	13,834	13,920	14,689	+ 5.5
May	8,474	8,716	8,906	+ 2.2	11,390	11,590	11,970	+ 3.3	15,346	13,511	14,272	+ 5.6
June	8,631	8,748	8,917	+ 1.9	11,570	11,680	12,050	+ 3.2	15,024	13,638	14,423	+ 5.8
July	8,655	8,926	8,893	- 0.4	11,680	11,760	12,100	+ 2.9	14,500	13,769	14,612	+ 6.1
August	8,630	8,796	8,981	+ 2.1	11,710	11,760	12,120	+ 3.1	14,149	14,088	15,188	+ 7.8
September	8,455	8,641	8,902	+ 3.0	11,550	11,740	12,030	+ 2.5	14,490	13,703	15,503	+13.1
October	8,595	8,655	8,931	+ 3.2	11,460	11,680	12,020	+ 2.9	13,816	13,864	14,248	+ 2.8
November	8,524	8,754	8,910P	+ 1.8	11,380	11,610	11,960P	+ 3.0	13,772	13,666	14,130	+ 3.4
December	8,565	8,869			11,360	11,700			13,964	14,237		
11 Months Average Annual Rate	8,498	8,733	8,910	+ 2.0	11,395	11,601	11,947	+ 3.0				

P - Preliminary R - Revised

SOURCE: American Newspaper Publishers Association, Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association.

NEWSPRINT STATISTICS

(In Thousands of Metric Tons)

	ANPA SURVEY OF NEWSPAPERS PUBLISHERS STOCK - END OF MONTH								End of Month - Day's Supply - Consumers' Stocks on Hand & in Transit (1)		
	UNADJUSTED				SEASONALLY ADJUSTED				ANPA SURVEY		
	1984	1985	1986	% Change	1984	1985	1986	% Change	1984	1985	1986
January	785.4	916.1	920.2	+ 0.4	810.5	944.4	948.7	+ 0.5	42	47	46
February	808.2	961.3	926.6	- 3.6	803.4	954.6	920.2	- 3.6	42	47	45
March	777.6	966.8	903.6	- 6.5	773.7	962.9	900.9	- 6.4	39	48	44
April	770.4	976.8	889.3	- 9.0	770.4	978.8	892.0	- 8.9	39	49	43
May	811.2	954.6	870.1	- 8.9	820.2	967.2	881.6	- 8.9	43	48	43
June	872.6	930.2	868.9	- 6.6	853.0	910.2	850.2	- 6.6	48	52	47
July	954.8	962.0	892.1	- 7.3	918.1	926.8	859.4	- 7.3	51	51	45
August	950.6	987.8	892.8	- 9.6	900.2	932.8	842.3	- 9.7	48	50	44
September	923.5	961.7	904.3	- 6.0	909.0	944.7	887.4	- 6.1	45	47	42R
October	902.5	935.4	887.5R	- 5.1	914.4	947.7	899.2R	- 5.1	42	43	40
November	874.5	888.7	818.0P	- 8.0	922.5	939.4	865.6P	- 7.9	44	44	39P
December	874.1	910.0			906.7	944.0			50	49	

P - Preliminary R - Revised

(1) Since stocks represent paper to be printed in the future, the Day's Supply is calculated by dividing publishers stocks in tons by the projected consumption in the next following month.

SOURCE: American Newspaper Publishers Association.

The projected consumption is based on the assumption that the seasonal adjusted rate in the coming month will be equal to the average of the two preceding months.

	OPERATING RATES											
	UNITED STATES (1)				CANADA				NORTH AMERICA			
	1984	1985	1986	% Change	1984	1985	1986	% Change	1984	1985	1986	% Change
January	90.7	92.8	92.6	- 0.2	93	96	94	- 2.1	92.2	94.9	93.5	- 1.5
February	96.4	94.8	94.9	+ 0.1	79	97	94	- 3.1	85.1	96.2	94.3	- 2.0
March	95.3	93.9	96.2	+ 2.4	79	95	89	- 6.3	84.7	94.6	91.6	- 3.2
April	95.1	85.8	91.1	+ 6.2	89	91	92	+ 1.1	91.1	89.2	91.7	+ 2.8
May	95.4	90.3	95.1	+ 5.3	99	94	94	-	97.7	92.7	94.4	+ 1.8
June	92.0	91.7	94.0	+ 2.5	97	89	94	+ 5.6	95.2	90.0	94.0	+ 4.4
July	89.8	91.3	95.1	+ 4.2	98	85	96	+12.9	95.1	87.2	95.7	+ 9.7
August	91.4	89.9	96.9	+ 7.8	94	94	93	- 1.1	93.1	92.5	94.4	+ 2.1
September	91.1	91.4	95.0	+ 3.9	92	92	91	- 1.1	91.7	91.8	92.4	+ 0.7
October	93.2	90.5	91.0	+ 0.6	93	92	97	+ 5.4	93.1	91.5	94.8	+ 3.6
November	95.1	87.7	96.1	+ 9.6	94	93	97	+ 4.3	94.4	91.1	96.7	+ 6.1
December	86.3	87.2			92	87			90.0	87.1		
11 Months	93.2	90.8	94.4	+ 4.0	92	92	94	+ 2.2	92.1	91.9	93.9	+ 2.2
TOTAL YEAR	92.6	90.5			92	92			92.0	91.5		

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association.

(1) - Ratio of actual operating days to practical maximun operating days.

NEWSPRINT SHIPMENTS BY DESTINATION

(In Thousands of Metric Tons)

YEAR	NORTH-EAST	EAST NORTH CENTRAL	WEST NORTH CENTRAL	SOUTH ATLANTIC	EAST SOUTH CENTRAL	WEST SOUTH CENTRAL	MOUNTAIN	PACIFIC	TOTAL DOMESTIC SHIPMENTS
United States									
1971	429	253	176	495	269	658	95	625	3,000
1972	453	281	182	548	283	696	117	659	3,219
1973	432	279	172	575	321	748	161	630	3,318
1974*	425	230	160	562	315	730	158	670	3,250
1974	411	221	154	543	304	705	152	646	3,136
1975	463	254	193	551	299	701	142	632	3,235
1976	479	234	185	589	300	735	136	637	3,295
1977	493	216	187	591	303	743	151	706	3,390
1978	429	199	174	540	307	849	168	667	3,333
1979	446	202	187	614	318	884	186	765	3,602
1980	468	238	193	813	325	940	222	859	4,058
1981	459	241	196	885	321	1,018	260	1,072	4,452
1982	453	269	178	801	314	1,008	238	990	4,251
1983	461	295	183	920	302	1,035	242	971	4,409
1984	487	297	160	1,042	315	1,136	266	1,104	4,807
1985	489	292	151	1,069	310	1,060	243	1,034	4,648
Canada									
1971	1,969	1,660	358	589	103	24	187	686	5,576
1972	2,079	1,694	408	669	117	37	176	653	5,833
1973	2,122	1,746	434	789	128	55	196	749	6,219
1974*	2,237	1,920	456	807	159	73	192	723	6,367
1974	2,147	1,842	418	775	152	71	185	694	6,304
1975	1,711	1,480	315	570	93	62	145	603	4,979
1976	1,779	1,659	417	727	129	78	181	701	5,671
1977	1,873	1,607	387	739	111	74	204	756	5,751
1978	1,946	1,812	466	848	125	82	220	964	6,443
1979	1,974	1,813	480	755	132	73	229	915	6,371
1980	2,017	1,691	437	658	151	73	203	888	6,118
1981	2,099	1,683	427	689	161	80	210	732	6,061
1982	1,953	1,448	401	663	153	86	217	694	5,595
1983	2,099	1,493	441	685	182	104	248	782	6,034
1984	2,270	1,623	517	780	241	128	281	745	6,585
1985	2,275	1,631	509	738	232	163	268	837	6,673
North America									
1971	2,398	1,913	534	1,084	372	682	282	1,311	8,576
1972	2,532	1,975	590	1,217	400	733	293	1,312	9,052
1973	2,554	2,025	606	1,364	449	803	357	1,379	9,537
1974*	2,662	2,150	616	1,369	474	803	350	1,393	9,817
1974	2,558	2,063	592	1,318	456	776	337	1,340	9,440
1975	2,174	1,734	508	1,121	392	763	287	1,235	8,214
1976	2,258	1,893	602	1,316	429	813	317	1,338	8,966
1977	2,366	1,823	574	1,330	414	817	355	1,462	9,141
1978	2,375	2,011	640	1,388	432	911	388	1,631	9,776
1979	2,420	2,015	667	1,369	450	957	415	1,680	9,973
1980	2,485	1,929	630	1,471	476	1,013	425	1,747	10,176
1981	2,558	1,924	623	1,574	482	1,078	470	1,804	10,513
1982	2,406	1,717	579	1,464	467	1,074	455	1,684	9,846
1983	2,560	1,788	624	1,605	484	1,139	490	1,753	10,443
1984	2,757	1,920	677	1,822	556	1,264	547	1,849	11,392
1985	2,764	1,923	660	1,807	562	1,223	511	1,871	11,321

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp & Paper Association.
*Years 1971-1974 are predominately 32 lb. basis weight (52 g/m^2);years 1974-1985 are predominately 30 lb. basis weight (48.8 g/m^2)

NORTH AMERICAN
NEWSPRINT SHIPMENTS BY DESTINATION

(In Thousands of Metric Tons)

Region	Quarter	United States			Canada			Total North America		
		1985	1986	% CHG.	1985	1986	% CHG.	1985	1986	% CHG.
New England	1 Q	35.3	40.6	+15.0	137.4	133.2	- 3.1	172.7	173.8	+ 0.6
	2 Q	38.1	42.4	+11.3	125.1	151.1	+20.8	163.2	193.5	+18.6
	3 Q	36.1	44.9	+24.4	149.4	158.4	+ 6.0	185.5	203.3	+ 9.6
	4 Q	+2.0			147.7			189.7		
	Year	151.5			559.6			711.1		
Middle Atlantic	1 Q	81.0	80.9	- 0.1	+26.0	+07.8	- 4.3	507.0	+88.7	- 3.6
	2 Q	90.6	95.4	+ 5.3	+30.4	++5.5	+ 3.5	521.0	540.9	+ 3.8
	3 Q	80.0	93.8	+17.2	+27.0	++1.4	+ 1.4	507.0	535.2	+ 5.6
	4 Q	85.9			+11.8			517.7		
	Year	337.5			1,715.2			2,052.7		
East North Central	1 Q	67.4	71.6	+ 6.2	+19.3	361.2	+13.9	+86.7	+32.8	+11.1
	2 Q	78.1	83.4	+ 6.8	+09.6	399.9	- 2.4	+87.7	+83.3	- 0.9
	3 Q	76.9	73.4	- 4.6	384.4	+16.0	+ 8.2	+61.3	+89.4	+ 5.1
	4 Q	69.7			+18.0			+87.7		
	Year	292.1			1,631.3			1,923.4		
West North Central	1 Q	39.8	36.4	- 8.5	131.3	122.1	- 7.0	171.1	158.5	- 7.4
	2 Q	37.9	37.3	- 1.6	127.8	129.9	+ 1.6	165.7	167.2	+ 0.9
	3 Q	40.1	42.4	+ 5.7	121.4	132.1	+ 8.8	161.5	174.5	+ 8.0
	4 Q	33.4			128.5			161.9		
	Year	151.2			509.0			660.2		
South Atlantic	1 Q	270.8	274.7	+ 1.4	192.8	179.1	- 7.1	+63.6	+53.8	- 2.1
	2 Q	268.8	278.6	+ 3.6	175.8	190.6	+ 8.4	+++.6	+69.2	+ 5.5
	3 Q	263.7	290.1	+10.0	180.7	187.4	+ 3.7	+++.4	+77.5	+ 7.4
	4 Q	265.5			188.3			+53.8		
	Year	1,068.8			737.6			1,806.4		
East South Central	1 Q	86.3	79.1	- 8.3	67.5	60.8	- 9.9	153.8	139.9	- 9.0
	2 Q	70.9	79.5	+12.1	61.5	61.1	- 0.7	132.4	140.6	+ 6.2
	3 Q	77.4	81.2	+ 4.9	53.6	62.0	+16.4	131.2	143.8	+ 9.6
	4 Q	75.4			69.4			144.8		
	Year	310.0			252.0			562.0		
West South Central	1 Q	269.0	230.1	+14.5	39.7	33.9	-14.6	308.7	264.0	+14.5
	2 Q	258.1	256.9	- 0.5	++.4	38.2	+14.0	302.5	295.1	- 2.4
	3 Q	267.5	239.9	-10.3	32.1	+0.5	+26.2	299.6	280.4	- 6.4
	4 Q	265.3			+7.1			312.4		
	Year	1,059.9			163.3			1,223.2		
Mountain	1 Q	60.9	69.2	+13.6	70.6	66.6	- 5.4	131.5	136.0	+ 3.4
	2 Q	60.3	60.7	+ 0.7	67.9	67.3	- 0.9	128.2	128.0	- 0.2
	3 Q	61.9	71.2	+14.9	61.1	67.9	+11.1	123.0	139.0	+13.0
	4 Q	59.9			67.3			127.8		
	Year	243.0			267.5			510.5		
Pacific	1 Q	269.9	261.1	- 3.3	205.0	220.6	+ 7.6	+74.9	+81.7	+ 1.4
	2 Q	254.4	270.1	+ 6.2	184.5	227.6	+23.4	+38.9	+97.7	+13.4
	3 Q	254.3	283.2	+11.4	218.8	214.9	- 1.8	+73.1	+98.1	+ 3.7
	4 Q	255.4			228.7			+84.1		
	Year	1,034.0			837.0			1,871.0		
TOTAL DOMESTIC SHIPMENTS	1 Q	1,180.4	1,143.7	- 3.1	1,669.6	1,585.5	- 5.2	2,870.0	2,729.2	+ 4.9
	2 Q	1,157.2	1,204.3	+ 4.1	1,627.0	1,711.2	+ 5.2	2,784.2	2,915.5	+ 4.7
	3 Q	1,157.9	1,220.0	+ 5.4	1,628.7	1,721.2	+ 5.7	2,786.6	2,941.2	+ 5.5
	4 Q	1,152.5			1,727.1			2,879.7		
	Year	4,648.0			6,672.5			11,320.5		

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp & Paper Association

NEWSPRINT HISTORICAL DATA

(In Thousands of Metric Tons)

YEAR	Production	SHIPMENTS Total	To United States	To Canada	To Other Markets	Inventory End of Year	Imports From Overseas
UNITED STATES							
1968	2,782	2,772	2,671	-	101	24	258
1969	3,050	3,051	2,945	-	106	26	286
1970	3,142	3,138	3,008	-	128	30	286
1971	3,153	3,146	3,000	-	146	37	288
1972	3,317	3,330	3,219	-	111	24	298
1973	3,391	3,395	3,318	-	77	21	346
1974[a]	3,348	3,347	3,250	-	97	23	-
1974	3,230	3,230	3,136	-	94	20	193
1975	3,348	3,347	3,235	-	112	19	30
1976	3,389	3,381	3,295	-	86	26	52
1977	3,512	3,507	3,390	-	117	31	-
1978	3,418	3,429	3,333	-	96	20	5
1979	3,685	3,689	3,602	-	87	16	132
1980	4,239	4,234	4,058	-	176	21	123
1981	4,752	4,735	4,452	-	283	38	36
1982	4,574	4,528	4,251	-	275	66	42
1983	4,887	4,874	4,609	-	265	99	67
1984	5,025	5,065	4,807	-	258	60	193
1985	4,926	4,927	4,648	-	279	57	333
CANADA							
1968	7,286	7,345	5,540	612	1,193	184	-
1969	8,000	7,981	5,834	643	1,504	204	-
1970	7,910	7,896	5,391	550	1,655	218	-
1971	7,870	7,586	5,376	654	1,556	301	-
1972	8,001	8,075	5,833	709	1,533	228	-
1973	8,292	8,345	6,219	779	1,347	175	-
1974[a]	9,023	9,070	6,567	837	1,666	132	-
1974	8,662	8,706	6,304	804	1,598	130	-
1975	6,966	7,010	4,979	784	1,247	66	-
1976	8,088	7,903	5,671	803	1,429	271	-
1977	8,154	8,169	5,751	824	1,594	256	-
1978	8,842	8,913	6,442	924	1,546	184	-
1979	8,756	8,779	6,371	971	1,437	162	-
1980	8,625	8,622	6,118	980	1,524	165	-
1981	8,950	8,913	6,061	1,045	1,809	194	-
1982	8,109	8,054	5,595	934	1,525	256	-
1983	8,486	8,440	6,034	970	1,436	303	-
1984	9,013	9,018	6,585	1,070	1,363	298	-
1985	8,988	8,996	6,673	1,033	1,290	290	-
NORTH AMERICA							
1968	10,048	10,117	8,211	612	1,294	208	258
1969	11,050	11,032	8,779	643	1,610	228	286
1970	11,052	11,032	8,399	550	1,783	248	286
1971	10,823	10,732	8,376	654	1,702	338	288
1972	11,318	11,405	9,052	709	1,644	252	298
1973	11,683	11,740	9,537	779	1,424	196	346
1974[a]	12,371	12,417	9,817	837	1,763	155	-
1974	11,892	11,936	9,440	804	1,692	150	193
1975	10,314	10,357	8,214	784	1,359	105	30
1976	11,477	11,284	8,966	803	1,515	297	52
1977	11,666	11,676	9,141	824	1,711	287	-
1978	12,260	12,342	9,776	924	1,642	204	5
1979	12,441	12,468	9,973	971	1,524	178	132
1980	12,864	12,856	10,176	980	1,700	186	123
1981	13,702	13,650	10,513	1,045	2,092	232	36
1982	12,683	12,580	9,846	934	1,800	142	42
1983	13,173	13,114	10,443	970	1,701	402	67
1984	14,038	14,083	11,092	1,070	1,921	358	193
1985	13,912	13,923	11,321	1,033	1,569	347	333

[a] Years 1968 - 1974 are predominately 32 lb. basis weight (52 g/m^2); years 1974 - 1985 are predominately 30 lb. basis weight (48.8 g/m^2).

ANPA Survey of Newspaper Publishers Stock End of Year	U.S. ESTIMATED NEWSPRINT CONSUMPTION Year	Daily Newspapers	All Users As Reported	All Users 48.8 G/M^2	Tonnage Loss Due to Newspaper Strikes
575	1968	7,165	8,461	7,932	168
634	1969	7,557	8,940	8,380	52
680	1970	7,336	8,805	8,271	72
639	1971	7,289	8,922	8,390	94
493	1972	7,840	9,568	9,016	6
567	1973	8,004	9,792	9,249	15
780					
750	1974	7,514	9,329	9,164	25
666	1975	6,796	8,395	8,321	6
835	1976	6,946	8,719	8,688	-
722	1977	7,210	9,279	9,280	5
660	1978	7,628	9,877	9,882	130
628	1979	7,878	10,199	10,205	1
732	1980	7,789	10,088	10,134	-
961	1981	7,813	10,164	10,219	-
854	1982	7,607	10,108	10,169	2
790	1983	7,898	10,589	10,666	-
874	1984	8,532	11,431	11,502	-
910	1985	8,725	11,587	11,651	21

UNITED STATES NEWSPAPERS

Year	Advertising % of Total Pages	CIRCULATIONS U.S. Households (000's)	Newspaper Circulations (Millions) Daily	Sunday	Circulations per Household Daily	Sunday
1960	59.4	52,799	58.9	47.7	1.12	0.90
1961	N.A.	53,557	59.3	48.2	1.11	0.90
1962	N.A.	54,764	59.9	48.9	1.09	0.89
1963	N.A.	55,270	58.9	46.8	1.07	0.85
1964	N.A.	56,149	60.4	48.4	1.08	0.86
1965	60.5	57,436	60.4	48.6	1.05	0.85
1966	N.A.	58,406	61.4	49.3	1.05	0.84
1967	N.A.	59,236	61.6	49.2	1.04	0.83
1968	N.A.	60,813	62.0	49.5	1.02	0.81
1969	N.A.	62,214	62.0	49.7	1.00	0.80
1970	51.5	63,401	62.1	49.2	0.98	0.78
1971	52.0	64,778	62.2	49.7	0.96	0.77
1972	54.4	66,676	62.5	50.0	0.94	0.75
1973	55.3	68,251	63.1	51.7	0.92	0.76
1974	55.0	69,859	61.9	51.7	0.89	0.74
1975	53.7	71,120	60.7	51.1	0.85	0.72
1976	53.5	72,867	61.0	51.6	0.84	0.71
1977	53.1	74,142	61.5	52.4	0.83	0.71
1978	53.4	76,030	62.0	54.0	0.82	0.71
1979	53.7	77,330	62.2	54.4	0.80	0.70
1980	52.9	80,776(1)	62.2	54.7	0.77	0.68
1981	52.3	82,368	61.4	55.2	0.75	0.67
1982	52.2	83,527	62.5	56.3	0.75	0.67
1983	52.5	83,918	62.9	56.7	0.75	0.68
1984	53.0	85,407	63.1	57.5	0.74	0.67
1985	N.A.	86,789	62.7P	58.8P	0.72	0.68

N.A. - Not Available P - Preliminary

SOURCE: Media Records, Department of Commerce and Editor and Publisher.

(1) Figures were revised as of 1980 Census. Total revised series is not available at this time.

FORECASTS OF U.S. ECONOMY

GROSS NATIONAL PRODUCT

(BILLIONS OF CONSTANT (1982) DOLLARS)

SOURCE	1986				1987				ANNUAL*	
	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1986	1987
Merrill Lynch Economics - December, 1986 Based on Rev. 3rd Qtr. Data (3,687.3) % Change from next preceding quarter**	3,655.9 +3.8	3,661.4 +0.6	3,687.3 +2.9	3,704.5 +1.9	3,716.0 +1.2	3,732.6 +1.8	3,755.9 +2.5	3,788.1 +3.5	3,677.3 +2.6	3,748.2 +1.9
The Conference Board - September, 1986 Based on Rev. (2nd) 2nd Qtr. Data (3,661.4) % Change from next preceding quarter**	3,655.9 +3.8	3,661.4 +0.6	3,680.9 +2.1	3,697.5 +1.8	3,708.9 +1.2	3,730.0 +2.3	3,754.0 +2.6	3,784.6 +3.3	3,673.9 +2.5	3,744.4 +1.9
Data Resources - September, 1986 Based on Rev. (2nd) 2nd Qtr. Data (3,661.4) % Change from next preceding quarter**	3,655.9 +3.8	3,661.4 +0.6	3,685.7 +2.7	3,708.6 +2.5	3,724.9 +1.8	3,750.1 +2.7	3,780.6 +3.3	3,816.7 +3.9	3,677.9 +2.6	3,768.1 +2.5
Wharton E.F.A. - September, 1986 Based on Rev. (2nd) 2nd Qtr. Data (3,661.4) % Change from next preceding quarter**	3,655.9 +3.8	3,661.4 +0.6	3,683.4 +2.4	3,713.5 +3.3	3,749.1 +3.9	3,788.6 +4.3	3,823.6 +3.7	3,852.5 +3.1	3,678.6 +2.6	3,803.5 +3.4

	ACTUAL - 1985				ACTUAL - 1986			
Annual GNP for - 1983 - 3,279.1	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Annual GNP for - 1984 - 3,489.9								
Annual GNP for - 1985 - 3,585.2	3,547.0	3,567.6	3,603.8	3,622.3	3,655.9	3,661.4	3,686.4R	

R - Revised

FRB - INDUSTRIAL PRODUCTION INDEX (1977 = 100)

Merrill Lynch Economics - December, 1986 Based on 3rd Qtr. Data (125.0) % Change from next preceding quarter**	125.0 +1.2	124.4 -2.1	125.1 +2.3	125.3 +0.8	125.5 +0.7	126.2 +2.3	127.0 +2.8	128.1 +4.0	124.9 +0.9	126.8 +1.5

FRB INDUSTRIAL PRODUCTION	FRB INDUSTRIAL PRODUCTION - 1986			
Annual FRB for - 1983 - 109.2	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Annual FRB for - 1984 - 121.4				
Annual FRB for - 1985 - 123.8	125.0	124.4	125.0R	

** - The Percent Change was multiplied by 4
* - % Change from previous year

ADVERTISING EXPENDITURES BY MEDIA - PERCENT OF TOTAL

	PRINT						OTHER		
YEAR	NEWSPAPERS	MAGAZINES	BUSINESS PAPERS	DIRECT MAIL	OUTDOOR	TOTAL PRINT	TELEVISION	RADIO	OTHER*
1950	38.3	8.4	4.4	14.1	2.5	65.7	3.0	10.6	20.7
1960	30.8	7.6	5.1	15.3	1.7	60.5	13.6	5.8	20.1
1965	29.0	7.8	4.4	15.2	1.2	57.4	16.5	6.0	20.1
1966	29.2	7.5	4.3	14.8	1.1	56.9	17.0	6.1	20.0
1967	29.1	7.4	4.2	14.7	1.1	56.5	17.3	6.2	20.0
1968	28.9	7.1	3.9	14.4	1.2	55.5	17.9	6.6	20.0
1969	29.4	6.9	3.9	13.8	1.1	55.1	18.5	6.5	19.9
1970	29.2	6.6	3.8	14.1	1.2	54.9	18.4	6.7	20.0
1971	29.8	6.6	3.5	14.8	1.2	55.9	17.1	7.0	20.0
1972	29.9	6.2	3.4	14.7	1.3	55.5	17.6	6.9	20.0
1973	29.9	5.8	3.5	14.8	1.2	55.2	17.9	6.9	20.0
1974	29.5	5.6	3.4	15.2	1.2	54.9	18.2	6.9	20.0
1975	29.5	5.2	3.3	14.8	1.2	54.0	18.9	7.1	20.0
1976	28.9	5.4	3.1	14.4	1.1	52.9	20.2	7.0	19.9
1977	28.7	5.8	3.3	13.8	1.1	52.7	20.3	7.0	20.0
1978	28.2	6.0	3.2	13.8	1.1	52.3	20.7	7.0	20.0
1979	28.4	6.0	3.2	13.7	1.1	52.4	20.8	6.8	20.0
1980	27.6	5.9	3.1	14.2	1.1	51.9	21.2	6.9	20.0
1981	27.4	5.8	3.0	14.8	1.1	52.1	20.9	7.0	20.0
1982	26.6	5.6	2.8	15.5	1.1	51.6	21.5	7.0	19.9
1983	27.1	5.6	2.6	15.6	1.1	52.0	22.0	6.9	19.1
1984	26.8R	5.6	2.6	15.7	1.0	51.7R	22.4R	6.6	19.3R
1985	26.8	5.5	2.5	16.4	1.0	52.2	21.7	6.8	19.3

* - Including Farm Publications
R - Revised

CAPACITY INFORMATION - NEWSPRINT

ANNOUNCED CAPACITY INFORMATION

ANNUAL CAPACITY

(In Thousands of Metric Tons)

Year	United States[A]	Canada[B]	Tons	TOTAL % Change
1966	2,109	8,054	10,163	-
1967	2,580	8,431	11,011	+ 6.3
1968	2,881	8,759	11,640	+ 5.7
1969	3,761	8,777	11,838	+ 1.7
1970	3,205	8,931	12,136	+ 2.5
1971	3,304	9,290	12,594	+ 3.8
1972	3,351	9,344	12,695	+ 0.8
1973	3,465	9,378	12,843	+ 1.2
1974	3,528	9,502	13,030	+ 1.5
	REVISED CAPACITY DUE TO CHANGES IN G/M²[C]			
1974	3,377	9,106	12,483	-
1975	3,582	9,222[D]	12,804	+ 2.6
1975 Revised	3,582	8,980[D]	12,562	-
1976	3,641	9,000	12,641	+ 0.7
1977	3,691	8,983	12,674	+ 0.3
1978	3,710	8,982	12,692	+ 0.1
1979	3,809	9,063	12,872	+ 1.4
1980	4,418	9,130	13,548	+ 5.3
1981	4,951	9,490	14,441	+ 6.6
1982	5,129	9,935	15,064	+ 4.3
1983	5,238	9,970	15,208	+ 1.0
1984	5,308	9,820	15,128	- 0.5
1985	5,327R	9,820	15,147R	+ 0.1
1986	5,359R	10,040	15,399R	+ 1.7
1987	5,411R	10,080	15,491R	+ 0.6
1988	5,447R	10,200	15,647R	+ 1.0
1989	5,458R	10,300	15,758R	+ 0.7

NOTE: Annual Capacity, includes changes in capacity only for the portion of the year in which they are actually effective.

N.A. - Not Available.

(A) SOURCE: Based on data in A.F.I. Capacity Survey issued November, 1986, plus subsequent revisions announced since that time.

(B) SOURCE: Canadian Pulp and Paper Association.

(C) In 1974 a number of newsprint producers reduced the grams per square meter (g/m²) of newsprint from 52 to 48.8. A given area of printing surface of 48.8 (g/m²) paper weighs less than the same area of 52 g/m² paper. The capacity figures for 1974 have been shown on both the old and new basis to provide a continuity of data.

(D) Canadian capacity has been revised beginning with 1975 to include downtime of less than twenty-four hours in operating hours. Previously, downtime of less than eight hours was included in operating hours. This extra line of information provides a "bridge" between the old method and the new method of calculating Canadian capacity.

ANNOUNCED CAPACITY CHANGES REST OF WORLD - 1984 & FUTURE

Country/Location	Company	Date	Capacity	
Austria	Steyrermuhl	June 1984	70,000	(net)
Taiwan	Chung Hsing	1984	50,000	(net)
West Germany/Ettrigen	Jaerfuder Lang	1984	120,000	
India/Pugalur	Tamil Nadu	1st Qtr. 1985	40,000	
Indonesia/Ceiwungsi	Aspeck	May, 1985	60,000	
United Kingdom/Shotton	Shotton Paper Co.	May, 1985	200,000	
Finland/Varkaus	A. Ahlstrom	Mid 1985	(-120,000)	
Sweden/Braviken	Holmens Bruk, AB	Aug. 1985	110,000	(net)
Korea	Chonju Paper Mfg. Inc.	Oct. 1985	70,000	(net)
Nigeria/Oku Iboku	Nigerian Newsprint Mfg. Co.	Nov. 1985	50,000	
Sweden/Ortviken	SCA	Dec. 1985	130,000	
Brazil/Jaguariaiva, PR	PISA	1985	115,000	
U.S.S.R. (pm)	Syktyvkar, (pm)	1985	160,000	
Brazil	Klabin	1986	70,000	
Finland	Veitsiluoto Oy	1986	(+90,000)	
Finland/Voikkaa	Kymmene	1986	(-60,000)	
India/Ratnagiri	Baroda Rayon	1986	50,000	
Indonesia/Aka	P.T. Anem Kesong	1986	60,000	
Indonesia/Prabolinggo	Kertas Leces	1986	90,000	
China/Nanping	Fujian	1986-1990	34,000	
China/Guangzhou	Guangdon	1986-1990	30,000	
China/Nanning	Guangxi Zhuangzu	1986-1990	50,000	
Finland/Kotka	Inkeroinen Oy	May, 1987	(-100,000)	(1)
Brazil/Monte Alegre, PR	Klabin	1987	30,000	
Netherlands/Renkum	Parenco	1987	180,000	(net)
Norway/Skogn	Norske Skogindustrier	1987-1991	120,000	
China/Yunnan	Yunnan Paper	1988	50,000	
Norway/Honefoss	A/S Follum	1988	40,000	
Sweden/Kvarnsveden	Stora Kopparbergs	1988	145,000	(net)
U.S.S.R./Pravdinsk	Belsanna	1988	200,000	

(1) Conversion from newsprint to LWC groundwood

ANNOUNCED CAPACITY INFORMATION

(In Metric Tons)

Company	Mill	Date	ANNUAL CAPACITY Newsprint	Other	Total
U.S. MILLS					
1979					
Southeast	Dublin, GA	June '79	142,000	-	142,000
North Pacific	Longview, WA	July '79	190,000	-	190,000
Georgia-Pacific	Woodland, ME	3rd Qtr. '79	(-82,000)	45,000(1)	(-36,000)
Bowater	Calhoun, TN	Oct. '79	127,000	-	127,000
1980					
Bear Island	Doswell, VA	Early '80	159,000	-	159,000 *
Boise Southern	DeRidder, LA	April '80	172,000	-	172,000
1981					
Publishers	Newburg, OR	Jan. '81	190,000	-	190,000
St. Regis	Sheldon, TX	March '81	130,000*	-	130,000*
North Pacific	Longview, WA	2nd Qtr. '81	190,000	-	190,000
Garden State	Garfield, NJ	Mid '81	11,400	-	11,400
Garden State	Pomona, CA	3rd Qtr. '81	22,600	-	22,600
1982					
Southwest	Snowflake, AZ	June '82	109,000	(+109,000)(2)	0
1983					
Augusta	Augusta, GA	4th Qtr. '83	200,000	-	200,000
1984					
International	Pine Bluff, AR	1st Qtr. '84	(-170,000)	181,000(8)	11,000
Publishers	Oregon City, OR	1st Qtr. '84	(-23,000)	(0)	(-23,000)
1985					
International	Mobile, AL	Early '85	(-110,000)	(9)	(-110,000)
1986					
Great Northern	East Millinocket, ME	1st Qtr. '86	(-30,000)(15)	-	(-30,000)(15)
Canadian Mills					
1980					
Consolidated-Bathurst	Port Alfred, PQE	1980	30,000	-	30,000
MacMillan Bloedel	Port Alberni, BC	1980	50,000	-	50,000
Abitibi-Price	Kenogami, PQE	Early '80	30,000	-	30,000
CIP Inc.	Gatineau, PQE	Late '80	40,000	-	40,000
Kruger	Three Rivers, PQE	Late '80	18,000	-	18,000
1981					
Consolidated-Bathurst	Port Alfred, PQE	1981	20,000	-	20,000
MacMillan Bloedel	Powell River, BC	March '81	160,000	-	160,000
Abitibi-Price	Stephenville, NFLD	June '81	160,000	-	160,000
Kruger	Bromptonville, PQE	July '81	16,000	-	16,000
CIP Inc.	Gatineau, PQE	Late '81	30,000	-	30,000
1982					
Consolidated-Bathurst	Belgo, PQE	Nov. '82	40,000	-	40,000
Ontario	Thorold, ONT	1982	60,000(4)	-	60,000(4)
Crown	Elk Falls, BC	February '82	180,000	-	180,000
Donohue-Normick	Amos, PQE	March '82	150,000	-	150,000
British Columbia	Crofton, BC	June '82	170,000	-	170,000
Consolidated-Bathurst	Grand Mere, PQE	Nov. '82	(-11,200)(6)	-	(-11,200)(6)
Consolidated-Bathurst	Port Alfred, PQE	1982-1983	16,000	-	16,000
1983					
Abitibi-Price	Grand Falls, NFLD	January '83	(+33,000)(6)	-	(+33,000)(6)
CIP Inc.	Dalhousie, NB	1st Qtr. '83	90,000	-	90,000
Abitibi-Price	Iroquois Falls, ONT	April '83	40,000(5)	-	40,000(5)
Bowater	Corner Brook, NFLD	April '83	(-100,000)(6)	-	(-100,000)(6)
Consolidated-Bathurst	Shawinigan, PQE	September '83	(+40,000)(6)	-	(+40,000)(6)
Consolidated-Bathurst	Grand Mere, PQE	September '83	(+15,000)(6)	-	(+15,000)(6)
Abitibi-Price	Beaupre, PQE	October '83	(-140,000)	140,000(3)	0
1985					
Kruger	Corner Brook, NFLD	September '85	100,000(16)	-	100,000(16)
James Maclaren	Masson, PQE	October '85	20,000(7)	-	20,000(7)
MacMillan Bloedel	Powell River, BC	1985	40,000	45,000	85,000(12)
1987					
CIP Inc.	Gatineau, PQE	1st Qtr. '87	85,000(13)	-	85,000(13)
Abitibi-Price	Alma, PQE	Early '87	(-69,000)(12)	41,000(12)	(-28,000)(12)
1988					
Donohue	Clermont, PQE	1st Qtr. '88	140,000(14)	-	140,000(14)

* Machine transfer from other grades and improvements.

(1) Uncoated Free Sheet

(2) Linerboard

(3) Conversion to uncoated Groundwood Paper

(4) Two new machines are replacing five old machines with a net gain of 60,000 tons. The first machine started up in June and the second machine started up in December 1982.

(5) Net increase - one new machine with capacity of 490 tons/day replacing four existing ones.

(6) Machine permanently shut down.

(7) One new machine replacing two old machines with a net gain of 20,000 tons.

(8) Permanent retirement from Newsprint - Conversion and Rebuild to Coated Groundwood in 3rd quarter, 1986.

(9) Permanent retirement from Newsprint - reconfiguration to uncoated Free Sheet.

(10) Permanently idle machine - has been on an indefinite shutdown since April, 1982.

(11) Rebuild of No. 9 machine - 40,000 tons of Newsprint and 45,000 tons of uncoated Groundwood.

(12) Loss of Newsprint at this mill because of conversion to uncoated Groundwood will be reabsorbed by other mills.

(13) New machine replacing an old machine with a net gain of 85,000 tons

(14) Net gain - new machine replacing an old machine.

(15) Machine Shutdown

(16) Start up of a machine shutdown in April 1983 (see Bowater).